Attorney Docket No: 3027.00014

## **VERSION SHOWING MARKED CHANGES**

## **IN THE CLAIMS:**

(amended) A method for measuring enzymatic activity [comprising]
consisting of:

providing a reaction vessel containing a sample, said sample including an enzyme having an enzymatic activity;

providing a probe coated with a reactant coupled with a label, said reactant being capable of interacting with the enzyme;

inserting the probe into the reaction vessel such that the enzyme interacts with the reactant such that the label is released into the vessel;

removing the probe from the reaction vessel, wherein said removing step [and] stops[ping] the reaction without a washing step; and

measuring a quantity of detectable label in the reaction vessel and/or on the probe, whereby the quantity of detectable label measures the activity [or concentration] of [a biomolecule] the enzyme.

- 2. (previously amended) The method according to claim 1 wherein the probe has a shape selected from the group consisting of: pin; cone; cubiod; cylindrical; starshaped; and spire-shaped.
- 3. (original) The method according to claim 1 wherein the detectable lable is selected from the group consisting of: colorimetric label; radioactive label; luminescent label and fluorescent label.
- 4. (original) The method according to claim 1 wherein the reactant is bound to the probe.
- 5. (original) The method according to claim 1 wherein the sample is a biological sample.

USSN: 09/673,558

Attorney Docket No: 3027.00014

- 6. Canceled.
- 7. Canceled.
- 8. (amended) The method according to claim 1 wherein the sample includes an inhibitor of the [biological] <u>enzymatic</u> activity of the biomolecule.
- 9. (amended) The method according to claim 1 wherein the sample includes a competitor of the [biological] <u>enzymatic</u> activity of the biomolecule.
  - 10. Canceled.
  - 11. Canceled.
- 12. (previously amended) A method for measuring an activity or concentration of a biomolecule comprising:

providing a reaction vessel containing a sample, said sample including a biomolecule having a biological activity;

providing a probe coated with a reactant, said reactant being capable of interacting with the biomolecule, said reactant including a detectable label;

inserting the probe into the reaction vessel such that the reactant and detectable label contact the biomolecule and interact with the biomolecule such that label is released from the reactant;

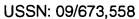
removing the probe from the reaction vessel; and

USSN: 09/673,558

Attorney Docket No: 3027.00014

measuring a quantity of detectable label in the reaction vessel and/or on the probe, whereby the quantity of detectable label measures the activity or concentration of a biomolecule.

- 13. (previously amended) The method according to claim 12 wherein the probe has a shape selected from the group consisting of: pin; cone; cubiod; cylindrical; star-shaped; and spire-shaped.
- 14. (original) The method according to claim 12 wherein the detectable label is selected from the group consisting of: colorimetric label; radioactive label; luminescent label; and fluorescent label.
- 15. (original) The method according to claim 12 wherein the reactant is bound to the probe.
- 16. (original) The method according to claim 12 wherein the sample is a biological sample.
- 17. (original) The method according to claim 12 wherein the biological activity is an enzymatic activity.
- 18. (original) The method according to claim 12 wherein the biological activity is a binding affinity.
- 19. (original) The method according to claim 12 wherein the sample includes an inhibitor of the biological activity of the biomolecule.
- 20. (original) The method according to claim 12 wherein the sample includes a competitor of the biological activity of the biomolecule.



Attorney Docket No: 3027.00014



21. (original) The method according to claim 12 wherein the biomolecule is selected from the group consisting of: an enzymatic product; and enzyme; a substrate; a receptor; a receptor ligand; an antigen; a lectin; a lectin-binding ligand; a ligand; and an antibody.